

CLAIMS

I claim:

1. A miniature microphone comprising
 - a microphone housing;
 - a microphone capsule mounted in the microphone housing; wherein
the microphone housing has front sound entry openings in communication with a front volume and rear sound entry openings in communication with a rear volume, wherein the front volume is in communication with front sound entry openings of the microphone capsule and the rear volume is in communication with rear sound entry openings of the microphone capsule; further comprising
 - a connecting volume connecting the front volume and the rear volume.
2. The miniature microphone according to claim 1, wherein the connecting volume is comprised of narrow ducts.

3. The miniature microphone according to claim 1, wherein the front volume and the rear volume are each totally or partially filled with at least one sound-permeable foam component.
4. The miniature microphone according to claim 1, wherein the connecting volume is comprised essentially of an annular gap between an inner side of a wall of the housing and an outer side of the microphone capsule.
5. The miniature microphone according to claim 1, wherein the housing has knobs or webs for supporting the microphone capsule.
6. The miniature microphone according to claim 1, wherein the front volume has a height equal to about $1/4$ of the smallest wave length to be transmitted.